

**MEMORIU ȘTIINȚIFIC**  
**Drd. Corina Dana DUMITRU**

**Studii de doctorat**

Perioada: 2020 – 2025

Conducător științific: Prof. Dr. Ing. Ecaterina ANDRONESCU

Domeniu: Inginerie Chimică

Titlul tezei de doctorat: Biomaterials Based on Bee Products for Dermal Tissue Regeneration

**Activitate științifică**

**A. Lista de lucrări științifice (articole în reviste sau volume)**

1. Corina Dana Dumitru, Ionela Andreea Neacsu, Alexandru Mihai Grumezescu, Ecaterina Andronescu. *Bee-Derived Products: Chemical Composition and Applications in Skin Tissue Engineering. Pharmaceutics* 2022; Q1; IF=5.5.
2. Corina Dana Dumitru, Ionela Andreea Neacsu, Alexandru Mihai Grumezescu, Ecaterina Andronescu, *Collagen Based Systems with Propolis Tincture for Dermal Tissue Regeneration. U.P.B Sci. Bull., Series B, Vol.87, Iss.3, Year 2025, IF=0.38.*
3. Corina Dana Dumitru; Ionela Andreea Neacsu; Ovidiu Cristian Oprea; Ludmila Motelica; Bianca Voicu Balasea; Cornelia-Ioana Ilie; Florica Marinescu; Alexandra Ripszky; Silviu-Mirel Pituru; Ecaterina Andronescu. *Biomaterials Based on Bee Products and Their Effectiveness in Soft Tissue Regeneration. Materials* 2025, 18, 2689; Q2; IF=3.2.
4. Corina Dana Dumitru; Ionela Andreea Neacsu; Ovidiu Cristian Oprea; Ludmila Motelica; Bianca Voicu Balasea; Cornelia-Ioana Ilie; Florica Marinescu; Alexandra Ripszky; Silviu-Mirel Pituru; Ecaterina Andronescu. *Antimicrobial Composite Films Based on Alginate–Chitosan with Honey, Propolis, Royal Jelly and Green-Synthesized Silver Nanoparticles. International Journal of Molecular Science* 2025; Q1; IF=4.9.

**B. Participări la conferințe/workshop-uri**

1. Corina Dana DUMITRU, *BIOMATERIALS BASED ON BEE PRODUCTS FOR DERMAL TISSUE REGENERATION*. Application of Chemistry in Nanosciences and Biomaterials Engineering – NanoBioMat 2021, INTERNATIONAL SCIENTIFIC CONFERENCE → 25-26 June 2021.
2. Corina Dana DUMITRU, *THE BIOLOGICAL EFFECT OF BIOMATERIALS BASED ON BEE PRODUCTS IN WOUND HEALING PROCESS*. Application of Chemistry in Nanosciences and Biomaterials Engineering – NanoBioMat 2021, INTERNATIONAL SCIENTIFIC CONFERENCE → 25-27 NOVEMBER 2021.

**IOSUD-UNSTPB**

**Școala Doctorală Inginerie Chimică și Biotehnologii**

3. Corina Dana DUMITRU, *BEE DERIVED PRODUCTS AND THEIR APPLICATIONS IN SKIN TISSUE ENGINEERING*. Application of Chemistry in Nanosciences and Biomaterials Engineering –NanoBioMat 2022, INTERNATIONAL SCIENTIFIC CONFERENCE → 22-24 June 2022.
4. Corina Dana DUMITRU, *THE POTENTIAL OF BEE PRODUCTS IN DERMAL TISSUE ENGINEERING*. Application of Chemistry in Nanosciences and Biomaterials Engineering –NanoBioMat 2022, INTERNATIONAL SCIENTIFIC CONFERENCE → 24-26 November 2022.
5. Corina Dana DUMITRU, *APPLICATIONS AND PROPERTIES OF HONEY, PROPOLIS AND ROYAL JELLY IN SKIN TISSUE ENGINEERING*. Application of Chemistry in Nanosciences and Biomaterials Engineering –NanoBioMat 2023, INTERNATIONAL SCIENTIFIC CONFERENCE → 28-30 June 2023.

Student-doctorand

DUMITRU CORINA DANA

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